

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.00	Rating **	A	Issue No.	58
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD0563_01_s_2012_58				
Comment Code					
Inspector Comment					
The LMA has a copy of the O&M Manual.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	101
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD0563_01_s_2013_101				
Comment Code					
Inspector Comment					
The LMA maintains an adequate stockpile of flood fight supplies.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.00	Rating **	A	Issue No.	102
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				
DWR ID	DWR_RD0563_01_s_2013_102				
Comment Code					
Inspector Comment					
The LMA has received flood fight training within the last two years.					

No Photos

LM Start	0.01	Rating **	M	Issue No.	130
LM End	0.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.235059 °	38.235059 °
				-121.517480 °	-121.517480 °
DWR ID	DWR_RD0563_01_f_2016_130				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	0.10	Rating **	C	Issue No.	59
LM End	0.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.234113 °	38.234113 °
				-121.518467 °	-121.518467 °
DWR ID	DWR_RD0563_01_s_2013_59				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Dead tree should be removed.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.11	Rating **	M	Issue No.	4
LM End	0.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.234018 °	38.234018 °
				-121.518547 °	-121.518547 °
DWR ID	DWR_RD0563_01_s_2012_4				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.15	Rating **	M	Issue No.	138
LM End	0.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.233572 °	38.228100 °
				-121.519080 °	-121.525225 °
DWR ID	DWR_RD0563_01_f_2015_138				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense vegetation on landside slope.					

Photo 1 of 2 : SP_2018_RD0563_210_138_20180305_00114.jpg



Looking west at dense veg on landward slope.

LM Start	0.15	Rating **	M	Issue No.	138 (cont)
LM End	0.66	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0563_210_138_20180305_00115.jpg



Looking east at dense veg on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
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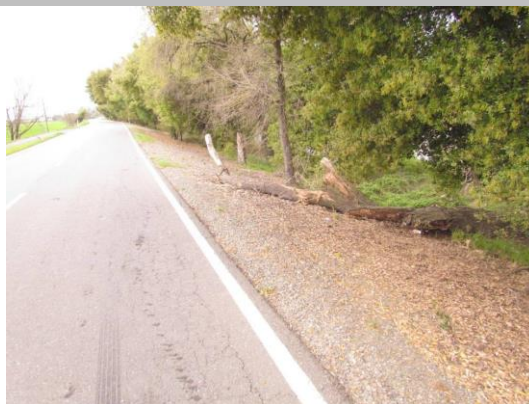
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.17	Rating **	M	Issue No.	32
LM End	0.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.233315 °	38.233315 °
				-121.519360 °	-121.519360 °
DWR ID	DWR_RD0563_01_s_2012_32				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Tree fallen across waterward slope.					

Photo 1 of 2 : SP_2018_RD0563_210_32_20180305_00023.jpg



Looking downstream at tree branch on waterward slope. (Spring 2017)

LM Start	0.17	Rating **	M	Issue No.	32 (cont)
LM End	0.17	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2018_RD0563_210_32_20180305_00024.jpg



Looking downstream at fallen tree limb on waterside slope. (Spring 2016)

LM Start	0.19	Rating **	M	Issue No.	2
LM End	0.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.233126 °	38.232425 °
				-121.519525 °	-121.520287 °
DWR ID	DWR_RD0563_01_s_2012_2				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.29	Rating **	M	Issue No.	168
LM End	0.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.231955 °	38.231955 °
				-121.520728 °	-121.520728 °
DWR ID	DWR_RD0563_01_f_2016_168				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0563_210_168_20180305_00131.jpg



Looking east at untrimmed tree on landward slope.

LM Start	0.33	Rating **	M	Issue No.	135
LM End	0.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.231548 °	38.231548 °
				-121.521140 °	-121.521140 °
DWR ID	DWR_RD0563_01_f_2015_135				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Untrimmed tree on landward slope.					

Photo 1 of 1 : SP_2018_RD0563_210_135_20180305_00113.jpg



Looking southeast at untrimmed tree on landward slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
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M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.39	Rating **	C	Issue No.	16
LM End	0.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.230841 °	38.230841 °
				-121.521898 °	-121.521898 °
DWR ID	DWR_RD0563_01_f_2013_16				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
River access is overgrown and no longer is use, and edge of pavement has been repaired to prevent further erosion.					

No Photos

LM Start	0.40	Rating **	M	Issue No.	114
LM End	0.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.230744 °	38.230744 °
				-121.522022 °	-121.522022 °
DWR ID	DWR_RD0563_01_f_2017_114				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0563_210_114_20180305_00095.jpg



Looking southwest at the waterside slope.

LM Start	0.43	Rating **	C	Issue No.	26
LM End	0.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.230460 °	38.230460 °
				-121.522324 °	-121.522324 °
DWR ID	DWR_RD0563_01_f_2013_26				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
River access is overgrown and no longer is use, and edge of pavement has been repaired to prevent further erosion.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.53	Rating **	M	Issue No.	34
LM End	0.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.229232 °	38.229232 °
				-121.523538 °	-121.523538 °
DWR ID	DWR_RD0563_01_f_2013_34				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Slope damage is due to vehicle traffic.					

Photo 1 of 1 : SP_2018_RD0563_210_34_20180305_00025.jpg



Looking northwest at slope damage caused by vehicle traffic.

LM Start	0.56	Rating **	M	Issue No.	143
LM End	0.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.228930 °	38.228930 °
				-121.523935 °	-121.523935 °
DWR ID	DWR_RD0563_01_f_2014_143				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Slope damage due to vehicle traffic.					

Photo 1 of 2 : SP_2018_RD0563_210_143_20180305_00120.jpg



Looking southeast at slope damage on waterward slope.

LM Start	0.56	Rating **	M	Issue No.	143 (cont)
LM End	0.56	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2018_RD0563_210_143_20180305_00121.jpg



Looking northwest at slope damage on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.70	Rating **	M	Issue No.	108
LM End	0.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.227663 °	38.226338 °
				-121.525743 °	-121.525927 °
DWR ID	DWR_RD0563_01_s_2018_108				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.73	Rating **	U	Issue No.	3
LM End	0.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.227169 °	38.226370 °
				-121.525892 °	-121.525912 °
DWR ID	DWR_RD0563_01_s_2012_3				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Dense veg on waterward slope.					

Photo 1 of 2 : SP_2018_RD0563_210_3_20180305_00001.jpg



Looking east at untrimmed trees on waterward slope. (Fall 2016)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.73	Rating **	U	Issue No.	3 (cont)	
LM End	0.79	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.227169 °		38.226370 °
				-121.525892 °		-121.525912 °
DWR ID	DWR_RD0563_01_s _ 2012_3					
Comment Code						
T1 : Trim trees to at least five feet above ground level.						
Inspector Comment						
Dense veg on waterward slope.						

Photo 2 of 2 : SP_2018_RD0563_210_3_20180305_00002.jpg



Looking east at untrimmed trees on waterward slope and toe. (Spring 2016)

LM Start	0.88	Rating **	M	Issue No.	120
LM End	0.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.225482 °	38.225482 °
				-121.526882 °	-121.526882 °
DWR ID	DWR_RD0563_01_s _ 2017_120				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterward slope.					

Photo 1 of 1 : SP_2018_RD0563_210_120_20180305_00099.jpg



Looking southwest at fallen tree on waterward slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.92	Rating **	A/W	Issue No.	755
LM End	0.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.225549 °	38.225549 °
				-121.527658 °	-121.527658 °
DWR ID	DWR_RD0563_01_s_2015_755				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.95	Rating **	U	Issue No.	121
LM End	0.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.225808 °	38.225808 °
				-121.528197 °	-121.528197 °
DWR ID	DWR_RD0563_01_s_2017_121				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several large rodent holes on landward slope.					

Photo 1 of 2 : SP_2018_RD0563_210_121_20180305_00100.jpg



Looking at typical rodent hole within this reach.

LM Start	0.95	Rating **	U	Issue No.	121 (cont)
LM End	0.95	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0563_210_121_20180330_00239.jpg



3/30/2018: Rodent burrows on landside.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	0.98	Rating **	A/W	Issue No.	756
LM End	0.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.226011 °	38.226011 °
				-121.528524 °	-121.528524 °
DWR ID	DWR_RD0563_01_s_2015_756				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.99	Rating **	M	Issue No.	147
LM End	0.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.226138 °	38.226138 °
				-121.528745 °	-121.528745 °
DWR ID	DWR_RD0563_01_f_2014_147				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.01	Rating **	A/W	Issue No.	757
LM End	1.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.226294 °	38.226294 °
				-121.529055 °	-121.529055 °
DWR ID	DWR_RD0563_01_s_2015_757				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.02	Rating **	M	Issue No.	48
LM End	1.06	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.226522 °	38.226808 °
				-121.529094 °	-121.529728 °
DWR ID	DWR_RD0563_01_s_2016_48				
Comment Code					
Inspector Comment					
2011 - Short sections of eroding bank at the waterline and holes in toe of levee. 2012 - Site extended upstream. 2013 - Erosion pockets filled with an insufficient amounts of revetment. 2015: Last observed in 2013. [2015 Site ID: GEO_11-0_L]					

Photo 1 of 1 : SP_2018_RD0563_210_48_20180305_00037.jpg



USACE 2013 Photo #1

LM Start	1.03	Rating **	U	Issue No.	110
LM End	1.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.226422 °	38.226422 °
				-121.529410 °	-121.529410 °
DWR ID	DWR_RD0563_01_s_2018_110				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Very large rodent burrow has caused landside shoulder to collapse. Shoulder should be restored.					

Photo 1 of 1 : SP_2018_RD0563_210_110_20180330_00240.jpg



3/30/2018: Very large rodent burrow causing caving at landside shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.32	Rating **	M	Issue No.	79
LM End	1.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.225177 °	38.225177 °
				-121.533285 °	-121.533285 °
DWR ID	DWR_RD0563_01_f_2013_79				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0563_210_79_20180305_00070.jpg



Looking northeast at untrimmed trees on landward slope and toe.

LM Start	1.39	Rating **	M	Issue No.	5
LM End	1.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.224398 °	38.224398 °
				-121.534125 °	-121.534125 °
DWR ID	DWR_RD0563_01_s_2018_5				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.42	Rating **	M	Issue No.	759
LM End	1.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.224150 °	38.224150 °
				-121.534565 °	-121.534565 °
DWR ID	DWR_RD0563_01_s_2015_759				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0563_210_759_20180305_00137.jpg



Looking northwest at untrimmed trees on waterward slope and toe.

LM Start	1.60	Rating **	M	Issue No.	56
LM End	1.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.223303 °	38.223303 °
				-121.537722 °	-121.537722 °
DWR ID	DWR_RD0563_01_s_2012_56				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.68	Rating **	M	Issue No.	115
LM End	1.68	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.223098 °	38.223098 °
				-121.539130 °	-121.539130 °
DWR ID	DWR_RD0563_01_f_2017_115				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.69	Rating **	M	Issue No.	123
LM End	1.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.223110 °	38.223110 °
				-121.539495 °	-121.539495 °
DWR ID	DWR_RD0563_01_s_2017_123				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside slope.					

Photo 1 of 1 : SP_2018_RD0563_210_123_20180305_00103.jpg



Looking south at fallen tree on waterward slope.

LM Start	1.95	Rating **	M	Issue No.	71
LM End	1.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.221826 °	38.221826 °
				-121.543467 °	-121.543467 °
DWR ID	DWR_RD0563_01_f_2012_71				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion around irrigation pump house and pipe on landside slope.					

Photo 1 of 2 : SP_2018_RD0563_210_71_20180305_00050.jpg



Looking west at erosion at landside toe and slope next to pump house.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	1.95	Rating **	M	Issue No.	71 (cont)	
LM End	1.95	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.221826 °		38.221826 °
				-121.543467 °		-121.543467 °
DWR ID	DWR_RD0563_01_f_2012_71					
Comment Code						
E1 : Note and monitor erosion site.						
Inspector Comment						
Erosion around irrigation pump house and pipe on landside slope.						

Photo 2 of 2 : SP_2018_RD0563_210_71_20180305_00051.jpg



Looking southwest at erosion around irrigation pipe on landside slope and toe.

LM Start	2.08	Rating **	M	Issue No.	14
LM End	2.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.220028 °	38.218494 °
				-121.542922 °	-121.542646 °
DWR ID	DWR_RD0563_01_s_2012_14				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	2.25	Rating **	A/W	Issue No.	116
LM End	2.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.217588 °	38.217588 °
				-121.542520 °	-121.542520 °
DWR ID	DWR_RD0563_01_s_2017_116				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
LMA found the erosion while on patrol during the February Storm 2017.					

Photo 1 of 1 : SP_2018_RD0563_210_116_20180305_00096.jpg



Looking east at the landside toe erosion.

LM Start	2.33	Rating **	C	Issue No.	66
LM End	3.65	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.216733 °	38.203056 °
				-121.541672 °	-121.539749 °
DWR ID	DWR_RD0563_01_s_2013_66				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					
Roadway has been graded and rocked.					

No Photos

LM Start	2.40	Rating **	U	Issue No.	12
LM End	2.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.216122 °	38.216047 °
				-121.540555 °	-121.540415 °
DWR ID	DWR_RD0563_01_s_2012_12				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Dense elderberry on waterside shoulder and slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	2.61	Rating **	M	Issue No.	39
LM End	2.82	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.214133 °	38.211737 °
				-121.537778 °	-121.535436 °
DWR ID	DWR_RD0563_01_s_2016_39				
Comment Code					
Inspector Comment					
1997 - Loss of rock at toe; pockets of upper berm erosion; very narrow berm width; toe rock problem; erosion pockets in rock. 2002 - New brush boxes at toe of the worst spots. 2005 - Upstream 200 ft removed because of the wide berm. 2006 - Some rock repair pockets behind the brush boxes at the upstream end. 2010 - Some new erosion. 2013 - New rock placed on the levee slope. 2015: Last observed in 2013. [2015 Site ID: GEO_9-3_L]					

Photo 1 of 1 : SP_2018_RD0563_210_39_20180305_00027.jpg



USACE 2013 Photo #1

LM Start	2.70	Rating **	M	Issue No.	162
LM End	2.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.213096 °	38.213096 °
				-121.536738 °	-121.536738 °
DWR ID	DWR_RD0563_01_s_2016_162				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Untrimmed tree on waterside shoulder.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	2.93	Rating **	M	Issue No.	67
LM End	2.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.210472 °	38.210358 °
				-121.535175 °	-121.535478 °
DWR ID	DWR_RD0563_01_s_2012_67				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dead Vines (Berry or wildroses) on landside toe.					

Photo 1 of 2 : SP_2018_RD0563_210_67_20180305_00046.jpg



Looking east at dead berryvines at landward toe. (Spring 2017)

LM Start	2.93	Rating **	M	Issue No.	67 (cont)
LM End	2.95	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0563_210_67_20180305_00047.jpg



Looking east at dead berryvines at landward toe. (Fall 2016)

LM Start	3.02	Rating **	M	Issue No.	74
LM End	3.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.210212 °	38.209165 °
				-121.536728 °	-121.539920 °
DWR ID	DWR_RD0563_01_s_2012_74				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dead berryvines and dense vegetation at landside toe blocking view of toe.					

Photo 1 of 5 : SP_2018_RD0563_210_74_20180305_00055.jpg



Looking southeast at dead berryvines along landward toe and berm. (Spring 2017)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	3.02	Rating **	M	Issue No.	74 (cont)	
LM End	3.21	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.210212 °		38.209165 °
				-121.536728 °		-121.539920 °
DWR ID	DWR_RD0563_01_s_2012_74					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Dead berryvines and dense vegetation at landside toe blocking view of toe.						

LM Start	3.02	Rating **	M	Issue No.	74 (cont)
LM End	3.21	Issue Type +	Ma	Location *	LS

Photo 2 of 5 : SP_2018_RD0563_210_74_20180305_00056.jpg



Looking southeast at berryvines at landward toe., (Spring 2016)

Photo 3 of 5 : SP_2018_RD0563_210_74_20180305_00057.jpg



Looking south at dense vegetation (willows) at landward toe. (Spring 2016)

LM Start	3.02	Rating **	M	Issue No.	74 (cont)
LM End	3.21	Issue Type +	Ma	Location *	LS

Photo 4 of 5 : SP_2018_RD0563_210_74_20180305_00058.jpg



Looking southeast at dense berryvines at landward toe. (Spring 2015)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	3.02	Rating **	M	Issue No.	74 (cont)	
LM End	3.21	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.210212 °		38.209165 °
				-121.536728 °		-121.539920 °
DWR ID	DWR_RD0563_01_s_2012_74					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Dead berryvines and dense vegetation at landside toe blocking view of toe.						

Photo 5 of 5 : SP_2018_RD0563_210_74_20180305_00059.jpg



Looking south at dense vegetation at landward slope and toe. (Spring 2015)

LM Start	3.06	Rating **	U	Issue No.	78
LM End	3.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.210240 °	38.210240 °
				-121.537517 °	-121.537517 °
DWR ID	DWR_RD0563_01_s_2012_78				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Slope damage on landside shoulder and slope has been in place for several inspection cycles. Proper drainage should be provided to prevent further erosion, and erosion should be repaired.					

Photo 1 of 5 : SP_2018_RD0563_210_78_20180305_00065.jpg



Looking southwest at the landside slope.

LM Start	3.06	Rating **	U	Issue No.	78 (cont)
LM End	3.06	Issue Type +	Ma	Location *	LS

Photo 2 of 5 : SP_2018_RD0563_210_78_20180305_00066.jpg



Looking north at rain runoff erosion on landward slope. (Spring 2017)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	3.06	Rating **	U	Issue No.	78 (cont)	
LM End	3.06	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.210240 °		38.210240 °
				-121.537517 °		-121.537517 °
DWR ID	DWR_RD0563_01_s_2012_78					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
Slope damage on landside shoulder and slope has been in place for several inspection cycles. Proper drainage should be provided to prevent further erosion, and erosion should be repaired.						

Photo 3 of 5 : SP_2018_RD0563_210_78_20180305_00067.jpg



Looking west at rain runoff erosion on landward slope. (Spring 2016)

LM Start	3.06	Rating **	U	Issue No.	78 (cont)
LM End	3.06	Issue Type +	Ma	Location *	LS

Photo 4 of 5 : SP_2018_RD0563_210_78_20180305_00068.jpg



Looking east at slope erosion. (Updated Spring 2012)

LM Start	3.06	Rating **	U	Issue No.	78 (cont)
LM End	3.06	Issue Type +	Ma	Location *	LS

Photo 5 of 5 : SP_2018_RD0563_210_78_20180305_00069.jpg



Looking west at slope erosion cause by runoff on landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	3.11	Rating **	U	Issue No.	112
LM End	3.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.210018 °	38.209495 °
				-121.538353 °	-121.539515 °
DWR ID	DWR_RD0563_01_s_2018_112				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Dense woody vegetation (up to 6" in diameter) along lower slope and toe prevents inspection and access. Needs to be removed.					

Photo 1 of 1 : SP_2018_RD0563_210_112_20180330_00241.jpg



Very dense woody vegetation preventing inspection and access to landside toe.

LM Start	3.21	Rating **	U	Issue No.	68
LM End	3.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.209217 °	38.209217 °
				-121.539823 °	-121.539823 °
DWR ID	DWR_RD0563_01_s_2012_68				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0563_210_68_20180305_00048.jpg



Looking south at dense trees on landward slope.

LM Start	3.21	Rating **	U	Issue No.	68 (cont)
LM End	3.21	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0563_210_68_20180305_00049.jpg



Looking southeast at dense trees on landside slope and toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	3.26	Rating **	M	Issue No.	764
LM End	3.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.208593 °	38.208593 °
				-121.540332 °	-121.540332 °
DWR ID	DWR_RD0563_01_s_2015_764				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.91	Rating **	M	Issue No.	38
LM End	4.01	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.200733 °	38.199925 °
				-121.542571 °	-121.544249 °
DWR ID	DWR_RD0563_01_s_2016_38				
Comment Code					
Inspector Comment					
1997 - Narrow eroding berm upstream of existing rock. 2001 - Staked, low fascine walls at bankline. 2011 - Minor new erosion. Site extended downstream. 2012 - Rock repair failing in one erosion pocket. 2015: Last observed in 2013. [2015 Site ID: GEO_8-3_L]					

Photo 1 of 1 : SP_2018_RD0563_210_38_20180305_00026.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	4.98	Rating **	M	Issue No.	45
LM End	5.04	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.190073 °	38.189524 °
				-121.556307 °	-121.557227 °
DWR ID	DWR_RD0563_01_s_2016_45				
Comment Code					
Inspector Comment					
2009 - Small scallops of erosion into the levee toe behind brush boxes. 2011 - Minor new erosion. 2012 - Site extended upstream to account for addition erosion pockets. 2015: Last observed in 2013. [2015 Site ID: GEO_7-2_L]					

Photo 1 of 1 : SP_2018_RD0563_210_45_20180305_00033.jpg



USACE 2013 Photo #1

LM Start	5.15	Rating **	U	Issue No.	46
LM End	5.39	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.188216 °	38.185968 °
				-121.558442 °	-121.561667 °
DWR ID	DWR_RD0563_01_s_2016_46				
Comment Code					
Inspector Comment					
1997 - Deep pockets of erosion into a narrow berm just downstream of the rock. 2000 - Scallops in banks with small colored flags, some new biotech rolls in with older rolls in the scallops. 2001 - Staked , low fascine walls at the bankline. 2011 - Site upgraded to CRITICAL. Site extended upstream due to new erosion pocket. New tree popouts and new erosion. 2013 - Pipe observed at upstream end of site. 2015: Last observed in 2013. [2015 Site ID: GEO_6-8_L]					

Photo 1 of 1 : SP_2018_RD0563_210_46_20180305_00034.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	5.40	Rating **	A/W	Issue No.	24
LM End	5.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.185772 °	38.185595 °
				-121.561613 °	-121.562228 °
DWR ID	DWR_RD0563_01_s_2013_24				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	5.49	Rating **	M	Issue No.	55
LM End	6.27	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.185479 °	38.181359 °
				-121.563296 °	-121.576292 °
DWR ID	DWR_RD0563_01_s_2016_55				
Comment Code					
Inspector Comment					
1997 - Deep pockets of erosion and narrow berm. Reach is characterized by lots of pockets into the existing berm and/or levee slope. 1999 - Some pockets filled with rock riprap. 2000 - Exposed fabric. 2001 - Staked, low fascine walls at bankline. 2002 - New spot of rock at upstream end. Some new brush boxes. 2005 - Some stone sliding off the underlying geotextile fabric. Some new brush bundles in the brush boxes; some with missing bundles. Some boxes too low relative to high tide. 2009 - Minimal new erosion, site length extended. 2010 - New erosion on downstream end, site extended downstream. 2011 - Sites 6.1, 6.4 and 6.6 were combined. New erosion pockets, site extended to include the erosion in between the old sites. 2012 - Rock has been placed in portions of the bank since last year. 2015: Last observed in 2013. [2015 Site ID: GEO_6-3_L]					

Photo 1 of 1 : SP_2018_RD0563_210_55_20180305_00040.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	5.88	Rating **	A/W	Issue No.	126
LM End	5.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.182302 °	38.182302 °
				-121.569232 °	-121.569232 °
DWR ID	DWR_RD0563_01_s_2017_126				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings stock pile on waterside slope and berm.					

No Photos

LM Start	5.92	Rating **	U	Issue No.	22
LM End	5.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.181965 °	38.181763 °
				-121.569913 °	-121.570447 °
DWR ID	DWR_RD0563_01_s_2012_22				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Large cactus on landside slope.					

Photo 1 of 2 : SP_2018_RD0563_210_22_20180305_00013.jpg



Large cactus plant on landward slope from LM 6.04 to 6.08

LM Start	5.92	Rating **	U	Issue No.	22 (cont)
LM End	5.96	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0563_210_22_20180305_00014.jpg



Looking downstream at dense cactus on landward slope. (Fall 2016)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	5.96	Rating **	A/W	Issue No.	35
LM End	5.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.181732 °	38.181732 °
				-121.570524 °	-121.570524 °
DWR ID	DWR_RD0563_01_s_2012_35				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	6.38	Rating **	M	Issue No.	44
LM End	6.46	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.180462 °	38.179319 °
				-121.577895 °	-121.578566 °
DWR ID	DWR_RD0563_01_s_2016_44				
Comment Code					
Inspector Comment					
2013 - Erosion pockets into the levee prism. Erosion pockets primarily located behind unmaintained brush boxes. 2015: Last observed in 2013. [2015 Site ID: GEO_5-8_L]					

Photo 1 of 1 : SP_2018_RD0563_210_44_20180305_00032.jpg



USACE 2013 Photo #1

LM Start	6.59	Rating **	U	Issue No.	164
LM End	6.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.177438 °	38.176647 °
				-121.579151 °	-121.579560 °
DWR ID	DWR_RD0563_01_s_2016_164				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense vegetation (dead berry vines) at landside toe should be removed.					

Photo 1 of 1 : SP_2018_RD0563_210_164_20180305_00130.jpg



Looking east at dense vegetation (vines) at landward toe.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	6.64	Rating **	M	Issue No.	766
LM End	6.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.176820 °	38.176820 °
				-121.579444 °	-121.579444 °
DWR ID	DWR_RD0563_01_s_2015_766				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	6.64	Rating **	M	Issue No.	51
LM End	7.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.176861 °	38.167959 °
				-121.579747 °	-121.581616 °
DWR ID	DWR_RD0563_01_s_2016_51				
Comment Code					
Inspector Comment					
1997 - Pocket erosion into the toe of the levee. 2000 - Scallops in banks with small colored flags, biotech rolls present. 2001 - Staked, low fascine walls at bankline. 2003 - Still have visibly bad spots, especially at the upstream end. 2005 - Some new brush bundles in the brush boxes; some with missing bundles. Some boxes too low relative to high tide. 2010 - Site extended upstream. 2011 - Minor new erosion. 2015: Last observed in 2013. [2015 Site ID: GEO_5-3_L]					

Photo 1 of 1 : SP_2018_RD0563_210_51_20180305_00038.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	6.74	Rating **	U	Issue No.	93
LM End	6.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.175352 °	38.175352 °
				-121.580177 °	-121.580177 °
DWR ID	DWR_RD0563_01_s_2018_93				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Large fallen tree should be removed from waterside slope and shoulder.					

Photo 1 of 1 : SP_2018_RD0563_210_93_20180330_00244.jpg



Remove fallen tree from levee slope.

LM Start	6.84	Rating **	M	Issue No.	113
LM End	6.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.173985 °	38.173985 °
				-121.579847 °	-121.579847 °
DWR ID	DWR_RD0563_01_s_2018_113				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	6.89	Rating **	M	Issue No.	87
LM End	6.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.173323 °	38.173323 °
				-121.579628 °	-121.579628 °
DWR ID	DWR_RD0563_01_s_2013_87				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	6.95	Rating **	M	Issue No.	95
LM End	6.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.172351 °	38.172351 °
				-121.579520 °	-121.579520 °
DWR ID	DWR_RD0563_01_f_2012_95				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree should be removed from waterside slope.					

Photo 1 of 1 : SP_2018_RD0563_210_95_20180305_00081.jpg



Looking southwest at prunings on waterward slope.

LM Start	7.07	Rating **	U	Issue No.	151
LM End	7.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.170693 °	38.170693 °
				-121.579968 °	-121.579968 °
DWR ID	DWR_RD0563_01_f_2014_151				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense berryvines at landside toe.					

Photo 1 of 1 : SP_2018_RD0563_210_151_20180305_00126.jpg



Looking southeast at dense vegetation at landward toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	7.36	Rating **	M	Issue No.	117
LM End	7.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.166856 °	38.166856 °
				-121.582091 °	-121.582091 °
DWR ID	DWR_RD0563_01_f_2017_117				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0563_210_117_20180305_00097.jpg



Looking southwest at the waterside slope.

LM Start	7.42	Rating **	A/W	Issue No.	27
LM End	7.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.165981 °	38.165273 °
				-121.582394 °	-121.582593 °
DWR ID	DWR_RD0563_01_s_2015_27				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Vegetation in this area is currently thin, but should be monitored.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	7.53	Rating **	U	Issue No.	53
LM End	7.80	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.164462 °	38.160888 °
				-121.583092 °	-121.584807 °
DWR ID	DWR_RD0563_01_s_2016_53				
Comment Code					
Inspector Comment					
1997 - Pocket erosion at upstream end and into the levee toe under the Alder trees. 2003 - New brush boxes with wattles on bank. 2004 - No brush boxes. 2005 - Site extended from the downstream side of the bridge. Whole bank is vertical. 2010 - Some minor new erosion. 2011 - Site upgraded to CRITICAL. New erosion pockets throughout the site. Sites 4.5, and 4.6 were combined. 2015: Last observed in 2013. [2015 Site ID: GEO_4-5_L]					

Photo 1 of 1 : SP_2018_RD0563_210_53_20180305_00039.jpg



USACE 2013 Photo #1

LM Start	7.62	Rating **	A/W	Issue No.	97
LM End	7.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.163240 °	38.163240 °
				-121.583328 °	-121.583328 °
DWR ID	DWR_RD0563_01_s_2013_97				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Minor erosion on landside shoulder and slope should be monitored.					

Photo 1 of 1 : SP_2018_RD0563_210_97_20180305_00082.jpg



Looking east at slope erosion on landward shoulder and slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	7.74	Rating **	M	Issue No.	29
LM End	7.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.161607 °	38.161092 °
				-121.584258 °	-121.584470 °
DWR ID	DWR_RD0563_01_s _ 2012_29				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Dense (untrimmed) trees on landside slope. Branches on ground should also be removed.					

Photo 1 of 1 : SP_2018_RD0563_210_29_20180305_00021.jpg



Looking southeast at dense trees on landward slope and toe.

LM Start	7.80	Rating **	U	Issue No.	90
LM End	7.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.160800 °	38.158922 °
				-121.584598 °	-121.585433 °
DWR ID	DWR_RD0563_01_s _ 2012_90				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Berryvines and willows on landside toe.					

Photo 1 of 5 : SP_2018_RD0563_210_90_20180305_00075.jpg



Looking southeast at dense vegetation at landward toe. (Spring 2015)

LM Start	7.80	Rating **	U	Issue No.	90 (cont)
LM End	7.94	Issue Type +	Ma	Location *	LS

Photo 2 of 5 : SP_2018_RD0563_210_90_20180305_00076.jpg



Looking northeast at dense vegetation on landside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	7.80	Rating **	U	Issue No.	90 (cont)	
LM End	7.94	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Vegetation			38.160800 °	38.158922 °	
				-121.584598 °	-121.585433 °	
DWR ID	DWR_RD0563_01_s_2012_90					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Berryvines and willows on landside toe.						

LM Start	7.80	Rating **	U	Issue No.	90 (cont)
LM End	7.94	Issue Type +	Ma	Location *	LS

Photo 3 of 5 : SP_2018_RD0563_210_90_20180305_00077.jpg



Looking south at dense vegetation on landside toe. (2012 Fall Inspection)

Photo 4 of 5 : SP_2018_RD0563_210_90_20180305_00078.jpg



Looking northeast at dense vegetation on landside toe. (2012 Fall Inspection)

Photo 5 of 5 : SP_2018_RD0563_210_90_20180305_00079.jpg



Looking southwest at dense vegetation on landside toe.

LM Start	7.80	Rating **	U	Issue No.	90 (cont)
LM End	7.94	Issue Type +	Ma	Location *	LS

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	7.85	Rating **	M	Issue No.	13
LM End	8.05	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.160261 °	38.157625 °
				-121.585056 °	-121.586543 °
DWR ID	DWR_RD0563_01_s_2016_13				
Comment Code					
Inspector Comment					
1997 - Pockets of erosion into the levee toe. 1999 - Minor rock riprap and willow bundles place in a couple of spots. 2001 - Staked, low fascine walls at bankline. 2003 - Small unprotected pockets still eroding. 2004 - Numerous brush boxes, some falling apart, some with new bundles. 2005 - Some new brush boxes installed; some boxes are empty. Levee slope and banks still look bad with pocket scallops into the levee slopes. 2011 - Erosion continues and the number of pockets is increasing. 2013 - Some of the downstream end was repaired by the RD. 2015: Last observed in 2013. [2015 Site ID: GEO_4-3_L]					

Photo 1 of 1 : SP_2018_RD0563_210_13_20180305_00010.jpg



USACE 2013 Photo #1

LM Start	8.12	Rating **	M	Issue No.	40
LM End	8.59	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.156987 °	38.152919 °
				-121.587427 °	-121.591129 °
DWR ID	DWR_RD0563_01_s_2016_40				
Comment Code					
Inspector Comment					
1997 - Pockets of erosion into the levee at the water line. Alders are being undercut and rotating out into the channel. Damaged rock at upstream end. 2000 - New minor erosion. 2001 - Staked low fascine walls at bankline. 2002 - New "Brush Boxes" along the bank toe. 2003 - New erosion pockets in the middle of the site. 2005 - Some new bundles in the brush boxes. 2011 - Site upgraded to CRITICAL. Significant new erosion. Sites 3.6, 3.7, 3.71, and 4.0 were combined. 2012 - Rock has been placed in some of the erosion pockets since last year, however site remains critical. 2013 - Site no longer critical. The worst pockets were filled with rock by the local RD. 2015: Last observed in 2013. [2015 Site ID: GEO_3-8_L]					

Photo 1 of 1 : SP_2018_RD0563_210_40_20180305_00028.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	8.18	Rating **	U	Issue No.	767
LM End	8.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.156878 °	38.156945 °
				-121.588505 °	-121.589258 °
DWR ID	DWR_RD0563_01_s_2015_767				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dead dense vegetation blocking landside toe.					

Photo 1 of 3 : SP_2018_RD0563_210_767_20180305_00138.jpg



Looking south at the landside slope.

LM Start	8.18	Rating **	U	Issue No.	767 (cont)
LM End	8.22	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP_2018_RD0563_210_767_20180305_00139.jpg



Looking south at dead vines at landward toe. (Spring 2017)

LM Start	8.18	Rating **	U	Issue No.	767 (cont)
LM End	8.22	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2018_RD0563_210_767_20180305_00140.jpg



Looking south at dense wild vines at landward toe. (Fall 2016)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	9.20	Rating **	M	Issue No.	106
LM End	9.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.146167 °	38.145835 °
				-121.587483 °	-121.588532 °
DWR ID	DWR_RD0563_01_f_2013_106				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	9.25	Rating **	M	Issue No.	768
LM End	9.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.145897 °	38.145897 °
				-121.588203 °	-121.588203 °
DWR ID	DWR_RD0563_01_s_2015_768				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 2 : SP_2018_RD0563_210_768_20180305_00141.jpg



Looking south at the landside slope.

LM Start	9.25	Rating **	M	Issue No.	768 (cont)
LM End	9.25	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0563_210_768_20180305_00142.jpg



Looking at untrimmed tree on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	9.28	Rating **	U	Issue No.	98
LM End	9.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.145825 °	38.145825 °
				-121.588807 °	-121.588807 °
DWR ID	DWR_RD0563_01_s_2013_98				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0563_210_98_20180305_00083.jpg



Looking southeast at untrimmed trees on landward slope.

LM Start	9.36	Rating **	M	Issue No.	769
LM End	9.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.146276 °	38.147034 °
				-121.590189 °	-121.590907 °
DWR ID	DWR_RD0563_01_s_2015_769				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD0563_210_769_20180305_00143.jpg



Looking east at dense vegetation at landward toe. (Spring 2015)

LM Start	9.64	Rating **	M	Issue No.	36
LM End	9.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.149790 °	38.149790 °
				-121.592788 °	-121.592788 °
DWR ID	DWR_RD0563_01_s_2012_36				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Vegetation blocking view of levee slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	9.65	Rating **	M	Issue No.	99
LM End	9.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.149905 °	38.149905 °
				-121.592910 °	-121.592910 °
DWR ID	DWR_RD0563_01_s_2013_99				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Finger erosion on landside shoulder and slope.					

Photo 1 of 2 : SP_2018_RD0563_210_99_20180305_00084.jpg



Looking west at minor erosion on landward shoulder and slope.

LM Start	9.65	Rating **	M	Issue No.	99 (cont)
LM End	9.65	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0563_210_99_20180305_00085.jpg



Looking north at minor erosion on landward shoulder and slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	9.73	Rating **	A/W	Issue No.	41
LM End	9.90	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.150820 °	38.150647 °
				-121.593650 °	-121.596858 °
DWR ID	DWR_RD0563_01_s_2016_41				
Comment Code					
Inspector Comment					
1997 - Erosion pockets into the toe of the levee. 2001 - Staked low fascine walls at the bankline. 2004 - Numerous "Brush Boxes." 2005 - Some new bundles in the brush boxes. 2012 - Site extended downstream to account for new bank sloughing. 2013 - Some rock added to the upstream end by the local RD. 2015: Last observed in 2013. [2015 Site ID: GEO_2-5_L]					

Photo 1 of 1 : SP_2018_RD0563_210_41_20180305_00029.jpg



USACE 2013 Photo #1

LM Start	9.73	Rating **	A/W	Issue No.	105
LM End	9.78	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.150820°	38.151196°
				-121.593650°	-121.594780°
DWR ID	DWR_RD0563_01_s_2018_105				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:70					
Site Designation:DWR_RD0563_01_s_2012_49					
Repair Type: Erosion					
Rating:Serious					
Field Date:6/9/2017					
Notes:					

Photo 1 of 3 : LEVAL_SP_2018_70_662.jpg

Could Not Find Photo

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	9.73	Rating **	A/W	Issue No.	105 (cont)	
LM End	9.78	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.150820°		38.151196°
				-121.593650°		-121.594780°
DWR ID	DWR_RD0563_01_s_2018_105					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:70						
Site Designation:DWR_RD0563_01_s_2012_49						
Repair Type: Erosion						
Rating:Serious						
Field Date:6/9/2017						
Notes:						

Photo 2 of 3 : LEVAL_SP_2018_70_667.jpg

Could Not Find Photo

LM Start	9.73	Rating **	A/W	Issue No.	105 (cont)
LM End	9.78	Issue Type +	Ma	Location *	

Photo 3 of 3 : LEVAL_SP_2018_70_669.jpg

Could Not Find Photo

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	9.87	Rating **	U	Issue No.	124
LM End	9.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.150800 °	38.150800 °
				-121.596297 °	-121.596297 °
DWR ID	DWR_RD0563_01_s_2018_124				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Severe erosion site on sandy levee should be monitored and repaired before winter 2018/19.					

Photo 1 of 1 : SP_2018_RD0563_210_124_20180330_00243.jpg



Erosion in sandy levee should be repaired and site protected from future erosion.

LM Start	10.45	Rating **	M	Issue No.	43
LM End	10.74	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.143519 °	38.139918 °
				-121.599677 °	-121.596986 °
DWR ID	DWR_RD0563_01_s_2016_43				
Comment Code					
Inspector Comment					
1997 - Old damaged rock riprap along the toe. 1999 - Downstream end (400 ft) repaired with rock. 2002 - New rock/concrete rubble section on the downstream end. 2004 - Small pocket repairs at the downstream end. 2005 - Some new bundles in the brush boxes. 2012 - Some rock has been placed in last year. 2015: Last observed in 2013. [2015 Site ID: GEO_1-7_L]					

Photo 1 of 1 : SP_2018_RD0563_210_43_20180305_00031.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	10.59	Rating **	M	Issue No.	76
LM End	10.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.141940 °	38.141940 °
				-121.598033 °	-121.598033 °
DWR ID	DWR_RD0563_01_s_2012_76				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Deep depression on landside shoulder and slope; possible pipe collapse.					

Photo 1 of 4 : SP_2018_RD0563_210_76_20180305_00061.jpg



Looking northeast a depression on landside shoulder and slope above 10" irrigation pipe four feet below crown.

LM Start	10.59	Rating **	M	Issue No.	76 (cont)
LM End	10.59	Issue Type +	Ma	Location *	LS

Photo 2 of 4 : SP_2018_RD0563_210_76_20180305_00062.jpg



Looking east at water ponding at landside toe just above 10" irrigation pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	10.67	Rating **	U	Issue No.	100 (cont)	
LM End	10.81	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.140886 °		38.139079 °
				-121.597280 °		-121.596214 °
DWR ID	DWR_RD0563_01_s_2013_100					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Wild rose or grape vines on landside slope and toe.						

Photo 2 of 3 : SP_2018_RD0563_210_100_20180305_00087.jpg



Looking south at dense vegetation at landward toe. (Fall 2014)

LM Start	10.67	Rating **	U	Issue No.	100 (cont)
LM End	10.81	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2018_RD0563_210_100_20180305_00088.jpg



Looking south at additional dense vegetation at landward toe.

LM Start	11.01	Rating **	U	Issue No.	770
LM End	12.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.136623 °	38.130739 °
				-121.594216 °	-121.579678 °
DWR ID	DWR_RD0563_01_s_2015_770				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense veg (wildroses) at landside toe.					

Photo 1 of 3 : SP_2018_RD0563_210_770_20180305_00144.jpg



Looking southeast at the landside slope.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	11.01	Rating **	U	Issue No.	770 (cont)	
LM End	12.00	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.136623 °		38.130739 °
				-121.594216 °		-121.579678 °
DWR ID	DWR_RD0563_01_s_2015_770					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Dense veg (wildroses) at landside toe.						

Photo 2 of 3 : SP_2018_RD0563_210_770_20180305_00145.jpg



Looking northeast at dead vines at landward toe. (Spring 2017)

LM Start	11.01	Rating **	U	Issue No.	770 (cont)
LM End	12.00	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2018_RD0563_210_770_20180305_00146.jpg



Looking southeast at dense vegetation at landward toe. (Spring 2015)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	11.51	Rating **	M	Issue No.	42
LM End	11.86	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.131126 °	38.130368 °
				-121.588337 °	-121.582266 °
DWR ID	DWR_RD0563_01_s_2016_42				
Comment Code					
Inspector Comment					
1997 - Erosion pockets into the levee toe. 1999 - Some small pockets fixed with rock riprap. 2002 - New "brush boxes" along the bank toe. 2005 - Brush boxes are empty. Some pockets are filled with new stone. 2006 - Some new rock at the downstream end (~100 ft long). Several small pockets of new rock in scallops. Brush boxes in poor to fair condition. 2010 - Site looks a little worse, some toe rock but still has erosion scars at lower to mid slope. 2011 - Site upgraded to CRITICAL. Significant new erosion. Erosion scallops are vertical and almost the height of the levee. 2012 - Rock has been placed in some of the erosion scallops and therefore the site is no longer critical. 2013 - Site shortened site. The downstream half of site was repaired by RD. Pipe no longer in site limits. 2015: Last observed in 2013. [2015 Site ID: GEO_0-3_L]					

Photo 1 of 1 : SP_2018_RD0563_210_42_20180305_00030.jpg



USACE 2013 Photo #1

LM Start	12.00	Rating **	A/W	Issue No.	804
LM End	12.00	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.130726 °	38.130726 °
				-121.579646 °	-121.579646 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15027 DS_ID:20172 EP_NO: 11213 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 20-inch steel drainage pipe through the levee, 1 foot below the crown. Pump on the landside (LS). Siphon breaker on the waterside (WS) shoulder. (18-inch pipe [HLM 12.28] at a depth of 4-feet authorized under Automatic Board Order (ABO) issued as Permit No. 11213, 1975 - Reclamation District No. 563). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station ""L "" 6+48.9)]. FS Date: 6/13/2013					

Photo 1 of 3 : UCIP_SP_2018_15027_24731.jpg



Pump and pipes off LS toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	12.00	Rating **	A/W	Issue No.	804 (cont)	
LM End	12.00	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.130726 °	38.130726 °	
				-121.579646 °	-121.579646 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:15027 DS_ID:20172 EP_NO: 11213 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 20-inch steel drainage pipe through the levee, 1 foot below the crown. Pump on the landside (LS). Siphon breaker on the waterside (WS) shoulder. (18-inch pipe [HLM 12.28] at a depth of 4-feet authorized under Automatic Board Order (ABO) issued as Permit No. 11213, 1975 - Reclamation District No. 563). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 103, June 1954, (Station "'L"' 6+48.9)]. FS Date: 6/13/2013						

Photo 2 of 3 : UCIP_SP_2018_15027_24730.jpg



20-inch pipe on LS toe.

LM Start	12.00	Rating **	A/W	Issue No.	804 (cont)
LM End	12.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2018_15027_24729.jpg



Pipe and siphon breaker on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	12.00	Rating **	M	Issue No.	805
LM End	12.00	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.130730 °	38.130730 °
				-121.579616 °	-121.579616 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15028					
DS_ID:20182					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Verify pipe is properly abandoned.					
FIELD_STRUCT_DESC: *REMOVED* 1 of 2: 36-inch steel drainage pipe through the levee, 4 feet below the crown. Shutoff valve at pump.					
Pipe visible on the waterside (WS) at headwall. (Replaced by a 30-inch pipe under Permit No. 2635, 1957 - Reclamation District No. 563).					
[Additional Reference(s): USACE Sacramento O&M Manual 103, June 1954, (Station ""L"" 6+39)].					
FS Date: 6/13/2013					

LM Start	12.00	Rating **	M	Issue No.	805 (cont)
LM End	12.00	Issue Type +	Ma	Location *	

Photo 1 of 2 : UCIP_SP_2018_15028_24736.jpg



Pipe at concrete headwall on WS slope.

Photo 2 of 2 : UCIP_SP_2018_15028_24735.jpg



Pipe at concrete headwall on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/30/2018 03/30/2018	Keith Millard

LM Start	12.03	Rating **	C	Issue No.	107
LM End	12.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.130776 °	38.130776 °
				-121.579063 °	-121.579063 °
DWR ID	DWR_RD0563_01_f_2013_107				
Comment Code					
GA : Garbage					
Inspector Comment					
Garbage on waterside shoulder.					

No Photos

LM Start	12.04	Rating **	M	Issue No.	47
LM End	12.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.130758 °	38.130758 °
				-121.579027 °	-121.579027 °
DWR ID	DWR_RD0563_01_s_2012_47				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim tree on landside slope.					

Photo 1 of 2 : SP_2018_RD0563_210_47_20180305_00035.jpg



Looking northeast at the landside slope.

LM Start	12.04	Rating **	M	Issue No.	47 (cont)
LM End	12.04	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2018_RD0563_210_47_20180305_00036.jpg



Looking northeast at untrimmed tree at landward slope. (Spring 2015)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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